

IN THE SPECIFICATION:

Please insert the following paragraph on Page 8, line 28, as follows:

IDC-A1,AMD

--From a mathematical standpoint, there are infinite numbers of functions $f(x,y)$ that can approximately map the two spaces 12 and 14, as shown in the literature. This invention proposes a simple function that follows the predictions, as set forth herein.--

Please insert the following paragraph on Page 9, line 1 (below the graph), as follows:

IDC-A2,AMD

--Graphically presented is as follows consider two points in the panel before pressing $M(x_1,y_1)$ and $N(x_2,y_2)$, after pressing the two points move to new locations $M'(x'_1,y'_1)$ and $N'(x'_2,y'_2)$. Note that after pressing, the angle $(MOH) = \arctan(y_1/x_1)$ changes to new value $\arctan(y'_1/x'_1)$. The line MN translates, scales (stretches or compresses), and rotates an angle α to a new location $M'N'$. Note that in this example, the line MN is stretched due to the increasing in length.--

Please revise the following paragraph beginning on Page ⁹10, line ⁸6, to read as follows:

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--It is possible then to easily determine the coefficients $A_x, A_y, B_x, B_y, C_x, C_y, D_x$ and D_y as follows. Using the same origin, for $i=1, 2, 3$ and 4 , let (x_i, y_i) and (x'_i, y'_i) be the coordinates of four known points before pressing and after pressing, respectively. Writing equations (3) and (4) for x - and y - directions, wherein:--

IDC-A3,AMD

Please insert the following paragraph on Page 10, line 20, as follows:

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--Solve the above eight independent equations for eight unknowns $A_x, A_y, B_x, B_y, C_x, C_y, D_x$ and D_y .

Then substitute them to equations (3) and (4).--

Please revise the following paragraph beginning on Page 10, line 6, to read as follows:

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--Computing the angle between the line $P'Q'$ and $R'S'$. Equation of the line passing $P'Q'$ is $y = -2.2702(10)^{-7}x + 9.9955$, and equation of the line passing $R'S'$ is $y = 1.2432(10)^{-3}x + 322.78$. Take two vectors: $\{1, -2.2702(10)^{-7}\}^T$ points along $P'Q'$ and $\{1, -1.2432(10)^{-3}\}^T$ points along $R'S'$. Then the angle between these two vectors is 0.001243 radians.--

IDC-A5,AMD